

WEST Search History

DATE: Wednesday, May 12, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L18	(3852192 3961908 4406742 4895176 5018551 5267455 5586456 5858022 5922247 6200943)! [pn]	10
<input type="checkbox"/>	L17	6734112	1
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L16	L15 and photoresist	1
<input type="checkbox"/>	L15	20020045347	1
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L14	L11 and 134/\$.ccls.	0
<input type="checkbox"/>	L13	L11 and clean\$.ti.	0
<input type="checkbox"/>	L12	L11 and photoresist	0
<input type="checkbox"/>	L11	L10 with gas	58
<input type="checkbox"/>	L10	solvent near expan\$	442
<input type="checkbox"/>	L9	solvent with expan\$	4679
<input type="checkbox"/>	L8	gas-expanded ethanol	0
<input type="checkbox"/>	L7	gas-expanded methanol	0
<input type="checkbox"/>	L6	gas-expanded solvent	0
<input type="checkbox"/>	L5	L3 and clean\$	14
<input type="checkbox"/>	L4	L3 and photoresist	0
<input type="checkbox"/>	L3	gas-expanded	137
<input type="checkbox"/>	L2	gas-expanded liquid	5
<input type="checkbox"/>	L1	gas-expended liquid	0

END OF SEARCH HISTORY

FILE 'CA' ENTERED AT 14:12:47 ON 12 MAY 2004

L1

1 S GAS EXPANDED LIQUID

L2

1 S SOLVENT EXPANSION AND SOLUTE SOLUBILITY

L2 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN
 AN 113:62140 CA
 ED Entered STN: 17 Aug 1990
 TI **Solvent expansion and solute**
solubility predictions in gas-expanded liquids
 AU Chang, Chiehming J.; Randolph, Alan D.
 CS Dep. Chem. Eng., Univ. Arizona, Tucson, AZ, 85721, USA
 SO AIChE Journal (1990), 36(6), 939-42
 CODEN: AICEAC; ISSN: 0001-1541
 DT Journal
 LA English
 CC 48-11 (Unit Operations and Processes)
 AB The expansion of binary systems (e.g., PhMe-CO₂ and BuOH-CO₂) in the
 miscible liquid-phase region and solubility of the solute (e.g., β -carotene
 in PhMe and acetaminophen in BuOH) in the liquid phase are studied.
Solvent expansion at 298 K, solid solubility in the gas
 antisolvent addition for liquid-phase precipitation of solids, partial molar
 volume
 changes in the gas antisolvent addition process, and crystallization kinetics
 in the
 gas antisolvent addition recrystn. are presented graphically and discussed.
 ST **solvent expansion** gas expanded liq; solute soly gas
 expanded liq
 IT Solvents
 (expansion of, determination of, in gas-expanded liqs.)
 IT Expansion, Dilation, and Elongation
 (of binary solvents, in gas-expanded liqs.)
 IT Solubility
 (of solute, determination of, in gas-expanded liquid)
 IT Solutes
 (solubility of, determination of, in gas-expanded liqs.)
 IT 71-36-3, Butanol, properties 108-88-3, Toluene, properties 124-38-9,
 Carbon dioxide, properties
 RL: PRP (Properties)
 (expansion of, determination of, in gas-expanded liqs.)
 IT 103-90-2
 RL: PRP (Properties)
 (solubility of, determination of, in butanol)
 IT 7235-40-7, β -Carotene
 RL: PRP (Properties)
 (solubility of, determination of, in toluene)

WEST Search History

DATE: Wednesday, May 12, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L14	L11 and 134/\$.ccls.	0
<input type="checkbox"/>	L13	L11 and clean\$.ti.	0
<input type="checkbox"/>	L12	L11 and photoresist	0
<input type="checkbox"/>	L11	L10 with gas	58
<input type="checkbox"/>	L10	solvent near expan\$	442
<input type="checkbox"/>	L9	solvent with expan\$	4679
<input type="checkbox"/>	L8	gas-expanded ethanol	0
<input type="checkbox"/>	L7	gas-expanded methanol	0
<input type="checkbox"/>	L6	gas-expanded solvent	0
<input type="checkbox"/>	L5	L3 and clean\$	14
<input type="checkbox"/>	L4	L3 and photoresist	0
<input type="checkbox"/>	L3	gas-expanded	137
<input type="checkbox"/>	L2	gas-expanded liquid	5
<input type="checkbox"/>	L1	gas-expended liquid	0

END OF SEARCH HISTORY